

**PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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| Application Serial No: 10/779,825 | Attorney Docket No: BP2431 |
| Application Filing Date: 02-17-2004 | Inventor(s): Gottfried Ungerboeck |
| Examiner: Timory, Kabir A. | |
| Art Group: 2609 | Patent No: n/a |
| Confirmation No: 9140 | Patent Issue Date: n/a |
| Title: Zero Excess Bandwidth Modulation | |

Date: 03-20-2007

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

It is requested that the enclosed reference(s) listed on the attached Information Disclosure Statement by Applicant be considered by the Examiner in connection with the above-identified U.S. utility patent application and be made of record therein. A European Search Report has been made for a related EP patent application. The cover letter provided by our foreign associate and the actual European Search Report are being submitted herewith in addition to copies of the non-U.S. patent/non-U.S. patent publication reference(s) cited within the European Search Report.

Certification Under 37 C.F.R. § 1.97(e)(1)

I hereby certify that the corresponding enclosed reference(s) were cited in a communication from a foreign patent office in a counterpart foreign application (copy enclosed) dated February 23, 2007 (02-23-2007) from the European Patent Office concerning European Patent Application No. 04004413.3-1237 (Attorney Docket No. BP02P439EP/JE/bs), not more than three months prior to the filing of this Information Disclosure Statement by Applicant.

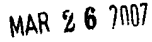
Independent consideration and acknowledgment of the enclosed references is respectfully requested.

The Examiner is invited to contact the undersigned by telephone or facsimile if the Examiner believes that such a communication would advance the prosecution of the present U.S. utility patent application.

RESPECTFULLY SUBMITTED,

By: /SXShort/ Reg. No. 45,105
Shayne X. Short, Ph.D., Reg. No. 45,105
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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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|-------|---|----|---|
| Sheet | 1 | of | 2 |
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Complete if Known

| | |
|------------------------|----------------------|
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| Filing Date | 02/17/2004 |
| First Named Inventor | Gottfried Ungerboeck |
| Art Unit | 2609 |
| Examiner Name | Timory, Kabir A. |
| Attorney Docket Number | BP2431 |

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---|--------------------------------|---|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ *Number ⁴ *Kind Code ⁵ (if known) | | | | |
| | | EP 1 021 012 A1 | 11-01-1999 | International Business Machines Corporation | | |
| | | EP 0 397 535 A2 | 05-14-1990 | CODEX Corporation | | |
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|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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| Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | Complete if Known | |
| | | Application Number | 10/779,825 |
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| | | First Named Inventor | Gottfried Ungerboeck |
| | | Art Unit | 2609 |
| | | Examiner Name | Timory, Kabir A. |
| Sheet 2 | of 2 | Attorney Docket Number BP2431 | |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | GIOVANNI CHERUBINI, EVANGELOS ELEFThERIOU AND SEDAT OLCER, Filtered Multitone Modulation for Very High-Speed Digital Subscriber Lines, IEEE Journal On Selected Areas In Communications, Vol. 20, No. 5, June 2002, pps. 1016-1028 | |
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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